

# Maximization of RF Lesion Dimensions

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graph TD; A[Maximization of RF Lesion Dimensions] --> B[Step 1: Baseline Impedance Optimization to 100-120Ω  
2 surface patches on flank + scapula (+ sternal patch as needed)]; B --> C[Step 2: Contact Force Optimization to 5-20gr]; C --> D[Step 3: RF Ablation Settings  
• Power: 50W (ΔImp10s < 10Ω and Δimptotal ≤ 20Ω)  
• Duration 120 sec]; D --> E[Step 4: Switch to Low Ionic Irrigation Solution]; E --> F[Step 5: Sequential Unipolar Ablation (if applicable)]; F --> G[Step 6: Bipolar Ablation (investigational therapy)];
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**Step 1**

**Baseline Impedance Optimization to 100-120Ω**

2 surface patches on flank + scapula (+ sternal patch as needed)

**Step 2**

**Contact Force Optimization to 5-20gr**

**Step 3**

**RF Ablation Settings**

- Power: 50W ( $\Delta\text{Imp}_{10s} < 10\Omega$  and  $\Delta\text{imp}_{\text{total}} \leq 20\Omega$ )
- Duration 120 sec

**Step 4**

**Switch to Low Ionic Irrigation Solution**

**Step 5**

**Sequential Unipolar Ablation (if applicable)**

**Step 6**

**Bipolar Ablation (*investigational therapy*)**